



Crops & Weather

National Agricultural Statistics Service

Iowa Field Office

USDA National Agricultural Statistical Service, Iowa Field Office • 210 Walnut, Room 833 • Des Moines, Iowa 50309-2195  
Phone 515-284-4340 • 1-800-772-0825 • Fax 515-284-4342 • [nass-ia@nass.usda.gov](mailto:nass-ia@nass.usda.gov)  
In Cooperation with the Iowa Department of Agriculture and Land Stewardship

Issued September 4, 2012 Vol 12 - 27

For the week ending September 2, 2012

Last week’s warm and dry conditions promoted rapid maturation in Iowa’s drought-damaged crops. As farmers continue to chop corn for silage, farmers are also harvesting grain according to USDA’s National Agricultural Statistics Service, Iowa Field Office. Some of the farmers who are harvesting for grain are also baling the stalks. A few reports of aflatoxin have been received.

There were 6.5 days suitable for fieldwork statewide during the past week. Topsoil moisture levels declined to 50 percent very short, 34 percent short, 15 percent adequate, and 1 percent surplus. Subsoil moisture also declined and is now rated at 66 percent very short, 29 percent short, 5 percent adequate, and 0 percent surplus.

Ninety-one percent of the corn crop has reached the dent stage, ahead of last year’s 81 percent and the five year average of 64 percent. Fifty percent of the corn crop is now mature, ahead of both last year and the five year average of 11 percent. Corn condition is reported at 23 percent very poor, 32 percent poor, 32 percent fair, 13 percent good, and 0 percent excellent. Fifty-one percent of the soybean crop is turning color, a jump of 32 percentage points from last week. Seven percent of Iowa’s soybean fields are dropping leaves, one week ahead of last year. Soybean condition is reported at 13 percent very poor, 24 percent poor, 40 percent fair, 21 percent good, and 2 percent excellent. Harvest of third cutting of alfalfa hay, at 98 percent complete continues to be a month ahead of normal.

One-fifth of Iowa’s pasture and range land is rated in fair or better condition. Pasture and range condition rated 51 percent very poor, 29 percent poor, 17 percent fair, 3 percent good, and 0 percent excellent. The warmer weather caused little if any stress to livestock with no issues reported for the week.

IOWA PRELIMINARY WEATHER SUMMARY

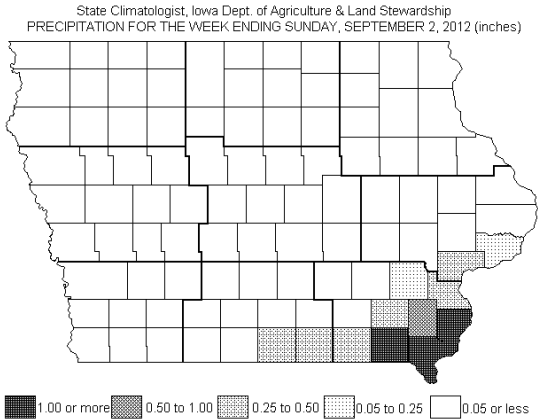
Provided by Harry Hillaker, State Climatologist

Iowa Department of Agriculture & Land Stewardship

After a few weeks of relatively cooler and wetter weather, the past week brought a return of July heat and dryness. Temperatures were above normal every day of the reporting week, averaging 6.9 degrees above normal. Parts of west central Iowa, including Sioux City and Logan, saw high temperatures climb to ninety degrees or higher every day with Sioux City setting daily record highs of 101 degrees on Wednesday (29<sup>th</sup>) and 102 degrees on Thursday (30<sup>th</sup>). Mason City Airport reported the lowest temperature of the week with a Monday (27<sup>th</sup>) morning low of 48 degrees. Much higher humidity returned this past week, but without being accompanied by much rain. The remnants of Hurricane Isaac brought light to moderate rain to far southeast Iowa from Friday (31<sup>st</sup>) night into Sunday (2<sup>nd</sup>) morning. However, no measureable rain fell anywhere else in Iowa during the week. The statewide average precipitation was only 0.07 inch while normal for the week is 0.89 inches. Much of Van Buren, Lee and Des Moines counties saw more than an inch of rain with Donnellson reporting the most with 2.12 inches.

Crop Conditions as of September 2, 2012

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn .....	23	32	32	13	0
Soybeans .....	13	24	40	21	2
Pasture & Range .....	51	29	17	3	0



Field Work and Crop Progress as of September 2, 2012

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn in or past dent stage .....	98	92	84	93	96	87	95	81	78	91	82	81	64
Corn mature (safe from frost) .....	52	50	40	44	61	40	73	43	43	50	27	11	11
Corn harvested (grain or seed) .....	7	3	3	6	6	2	6	5	5	5	2	0	0
Soybean leaves turning color .....	68	61	48	49	62	41	36	33	30	51	19	13	22
Soybeans dropping leaves .....	8	8	6	8	9	3	5	2	5	7	1	1	4

Days Suitable & Soil Moisture Condition as of September 2, 2012

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)
Days suitable .....	6.9	6.7	6.7	6.4	6.4	6.2	6.5	6.6	6.1	6.5	6.0	5.2
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short .....	52	73	57	44	51	22	48	57	48	50	49	13
Short .....	32	26	40	35	36	38	37	32	26	34	30	30
Adequate .....	16	1	3	19	13	40	12	9	25	15	19	54
Surplus .....	0	0	0	2	0	0	3	2	1	1	2	3
Subsoil moisture												
Very short .....	67	77	68	58	65	70	59	70	61	66	64	12
Short .....	28	20	31	33	30	24	35	29	30	29	30	32
Adequate .....	5	3	1	8	5	6	6	1	9	5	6	54
Surplus .....	0	0	0	1	0	0	0	0	0	0	0	2

Weather Summary For National Agricultural Statistics Service, Iowa Field Office.  
For the week ending: 7:00 am Sunday, September 2, 2012, Prepared by AWIS, Inc.

Station	Current Week						Since April 1			
	Temperature				Precipitation		Precipitation		GDD Base 50F	
	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN
North West District										
Estherville .....	97	54	75	11	0.00	-0.84	13.99	-3.62	2,734	577
Sioux Center .....	102	54	78	12	0.00	-0.77	14.20	-3.20	3,123	543
Spencer .....	96	54	75	9	0.00	-0.84	18.21	-0.30	2,909	593
Spirit Lake .....	94	57	76	12	0.00	-0.84	16.31	-1.22	2,832	551
North Central District										
Britt .....	95	55	74	8	0.00	-0.84	14.78	-4.43	2,644	432
Dakota City .....	97	54	76	10	0.00	-0.91	12.87	-6.94	2,860	465
Mason City .....	99	48	76	10	0.00	-0.98	11.20	-9.11	2,728	465
Osage .....	96	56	75	10	0.00	-1.05	15.49	-5.22	2,633	463
North East District										
Decorah .....	95	55	76	9	0.00	-0.97	13.82	-6.04	2,837	521
Dubuque .....	87	60	73	7	0.56	-0.60	11.58	-9.64	2,699	433
Elkader .....	91	55	73	7	0.06	-0.85	13.19	-6.62	2,376	142
Fayette .....	94	55	74	8	0.00	-0.98	14.77	-6.06	2,611	542
Waterloo .....	96	56	76	10	0.00	-0.82	11.70	-8.89	2,940	511
West Central District										
Carroll .....	94	57	75	9	0.00	-0.84	15.34	-5.63	2,954	474
Castana .....	96	59	78	10	0.00	-0.84	15.98	-2.51	2,984	290
Guthrie Center .....	94	56	74	7	0.00	-0.98	13.87	-6.65	2,982	454
Harlan .....	94	57	75	7	0.00	-1.00	14.67	-4.89	2,918	483
Jefferson .....	94	57	75	8	0.00	-0.84	11.95	-9.02	2,894	402
Logan .....	98	58	77	9	0.00	-0.84	14.16	-4.94	3,073	437
Rockwell City .....	96	58	76	8	0.00	-0.91	14.12	-5.83	2,863	436
Sac City .....	95	54	74	8	0.00	-0.91	14.81	-4.74	2,741	431
Sioux City .....	102	56	78	10	0.00	-0.70	15.67	-0.52	3,185	620
Central District										
Boone .....	96	57	77	9	0.00	-0.91	14.63	-6.52	2,864	399
Des Moines .....	97	64	80	11	0.00	-0.91	14.77	-4.98	3,550	815
Grundy Center .....	95	55	75	10	0.00	-0.83	13.03	-7.34	2,792	489
Marshalltown .....	95	56	76	10	0.01	-1.01	7.83	-13.41	3,000	566
Newton .....	96	59	76	8	0.43	-0.52	11.48	-8.52	2,953	266
Perry .....	95	58	75	9	0.00	-0.87	16.42	-3.71	2,964	517
Toledo .....	94	58	75	9	0.09	-0.89	11.60	-9.89	2,715	411
East Central District										
Cedar Rapids .....	89	58	74	6	0.40	-0.57	12.08	-7.81	2,898	361
Davenport .....	90	59	74	5	2.54	1.63	18.09	-1.62	2,983	181
Iowa City .....	92	62	75	5	0.84	-0.14	14.07	-7.83	3,159	259
Lowden .....	91	59	74	7	0.95	-0.10	14.60	-7.44	2,802	426
Maquoketa .....	88	59	73	6	1.57	0.52	11.73	-8.27	2,586	243
Muscatine .....	93	62	75	5	3.86	2.95	19.43	-1.03	2,915	131
South West District										
Atlantic .....	94	56	75	8	0.00	-0.93	13.21	-5.51	3,001	450
Clarinda .....	92	56	74	6	0.00	-1.05	19.82	-2.58	3,078	522
Glenwood .....	96	57	76	7	0.00	-0.91	11.98	-8.41	3,122	340
Red Oak .....	93	60	76	5	0.00	-1.05	23.63	1.55	3,237	577
Sidney .....	95	62	77	8	0.00	-0.98	12.52	-8.47	3,299	491
South Central District										
Allerton .....	94	61	75	6	2.18	1.14	16.56	-4.36	3,043	469
Beaconsfield .....	91	59	75	7	0.18	-0.80	15.80	-4.49	3,025	480
Chariton .....	95	61	75	7	1.51	0.43	17.91	-3.36	3,072	604
Indianola .....	98	58	76	8	0.02	-0.89	10.05	-10.32	3,061	615
Leon .....	92	58	73	5	0.33	-0.72	17.61	-3.62	2,913	431
South East District										
Bloomfield .....	95	63	76	7	1.03	-0.06	12.95	-8.34	3,152	484
Burlington .....	94	62	76	6	2.46	1.52	14.47	-5.30	3,231	388
Ottumwa .....	96	59	75	6	0.27	-0.69	14.36	-5.34	3,130	287
Washington .....	95	53	73	3	1.51	0.61	18.47	-0.81	2,991	272

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2012: AWIS, Inc. All Rights Reserved.